SWP Water Quality Summary

July 12 to August 13, 2006

Total Dissolved Solids: This month's data show TDS increasing slightly at all stations except at Check 29 and Barker Slough, which decreased from 197 to 147 mg/l and 165 to 134 mg/l. Nevertheless, TDS at all locations remained below Article 19 Monthly Average Objective of 440 mg/l. The highest concentration of 189 mg/l occurred at Check 41, while BPP and Vallecitos had the lowest concentrations of 129 mg/l each. The peak TDS concentrations during this reporting period (July 12 to August 13) were 134 mg/l at BPP and 210 mg/l at Check 41, which occurred on August 11 and July 18, 2006, respectively.

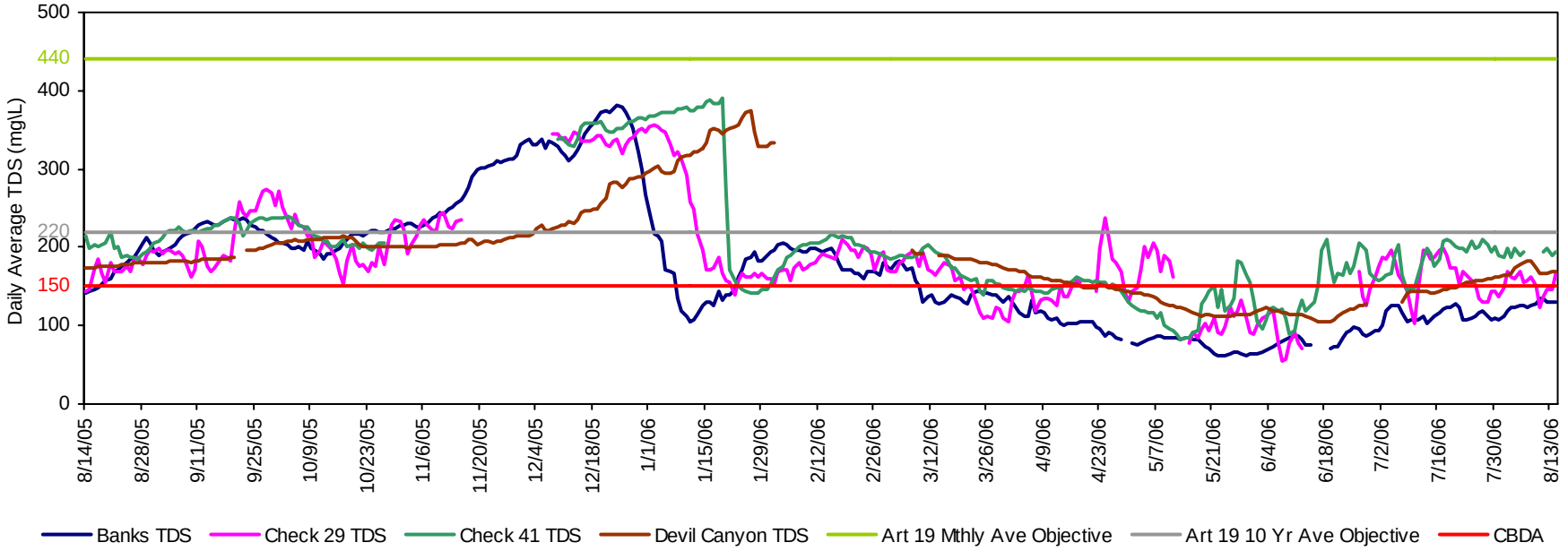
Bromide: Concentrations exceeded the CBDA Objective of 0.05 mg/l at all locations. Concentrations ranged from 0.06 to 0.11 mg/l. BPP, Barker Slough and Vallecitos had the lowest concentrations (0.06 mg/l), followed by Check 29 with 0.07 mg/l. The highest concentration of 0.13 mg/l occurred at Check 41 on July 18, 2006.

Turbidity: Turbidity decreased at all locations except at Barker Slough, which increased from 57 to 95 NTU. The greatest decrease of 35 NTU occurred at BPP. The highest concentration of 95 NTU occurred at Barker Slough while the lowest of 2 NTU was at Devil Canyon.

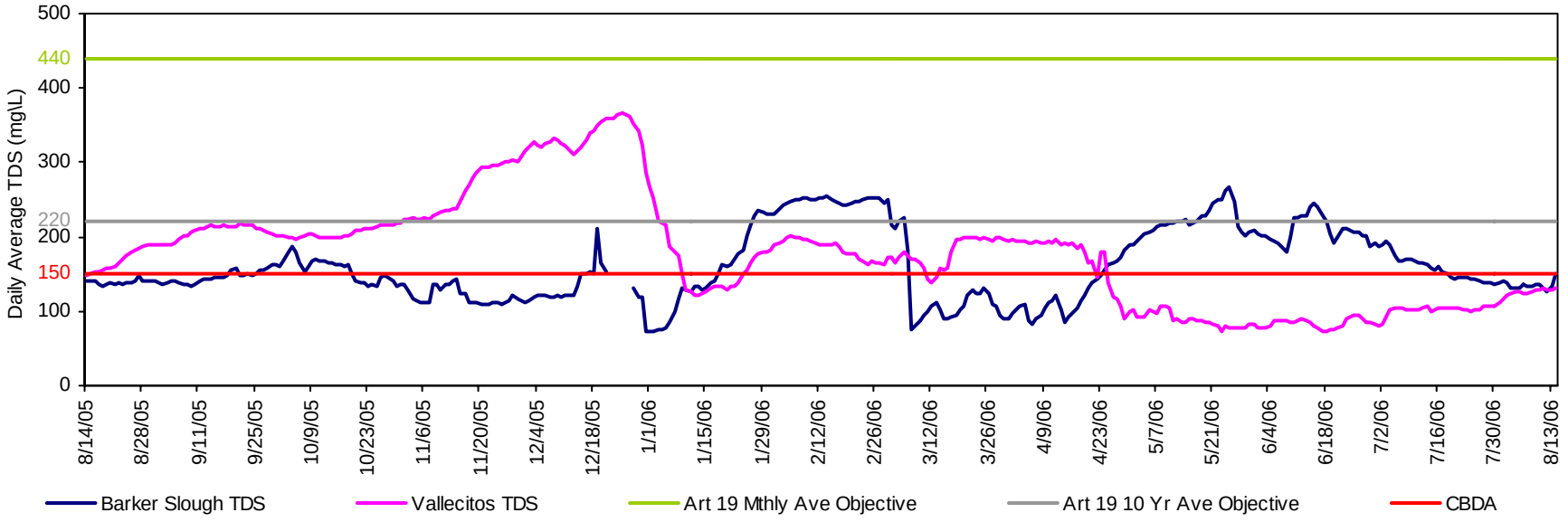
Dissolved Organic Carbon: Concentrations were below the CALFED TOC Objective of 3.0 mg/l on August 13, 2006 at Check 13. The lowest concentration of 2.6 mg/l occurred at Check 13 followed by Edmonston with 3.2 mg/l. The UVA instrument at BPP appears to be malfunctioning, nevertheless, the current DOC concentration remains at about 2.5 mg/l.

Taste and Odor Compounds: MIB and geosmin concentrations ranged from 6 to 44 ng/l at Clifton Court inlet, BBP and Del Valle Check 7. MIB increased from 7 to 44 ng/L at the Clifton Court Inlet but geosmin remained at 8 ng/L. Nevertheless, MIB at BPP was only 6 ng/L but geosmin increased from 8 to 16 ng/L.

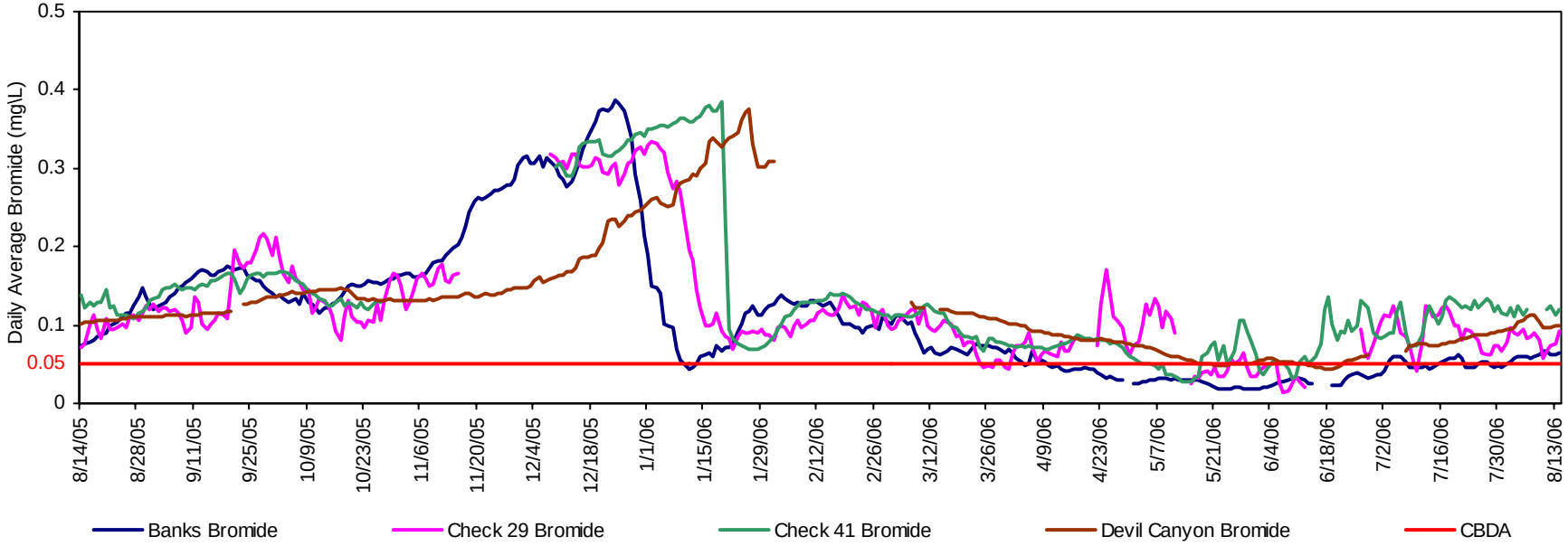
California Aqueduct - Calculated Total Dissolved Solids



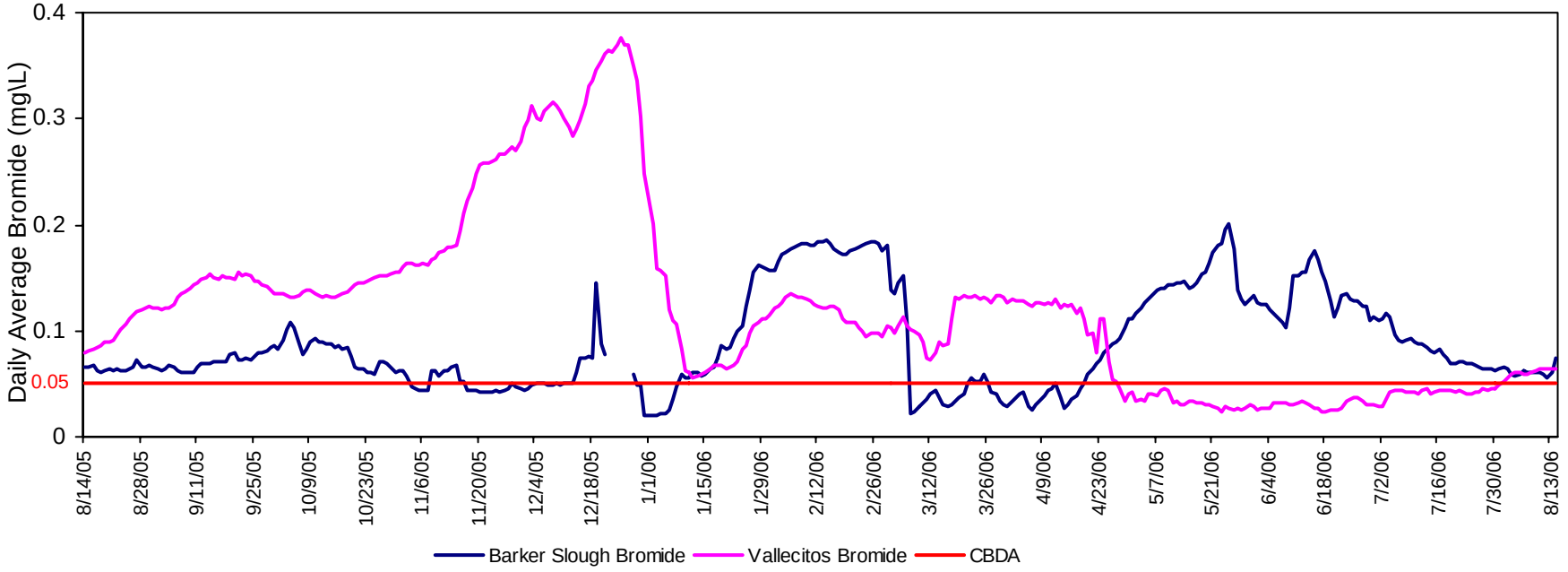
North and South Bay Aqueduct - Calculated Total Dissolved Solids



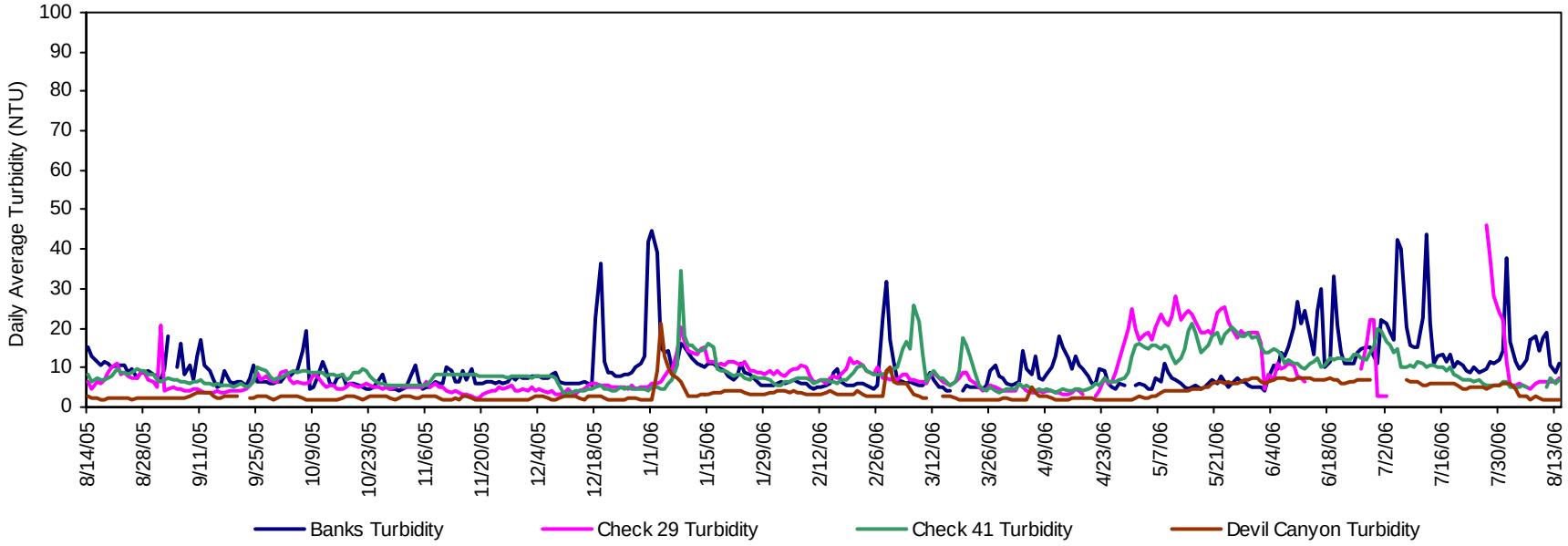
California Aqueduct - Calculated Bromide



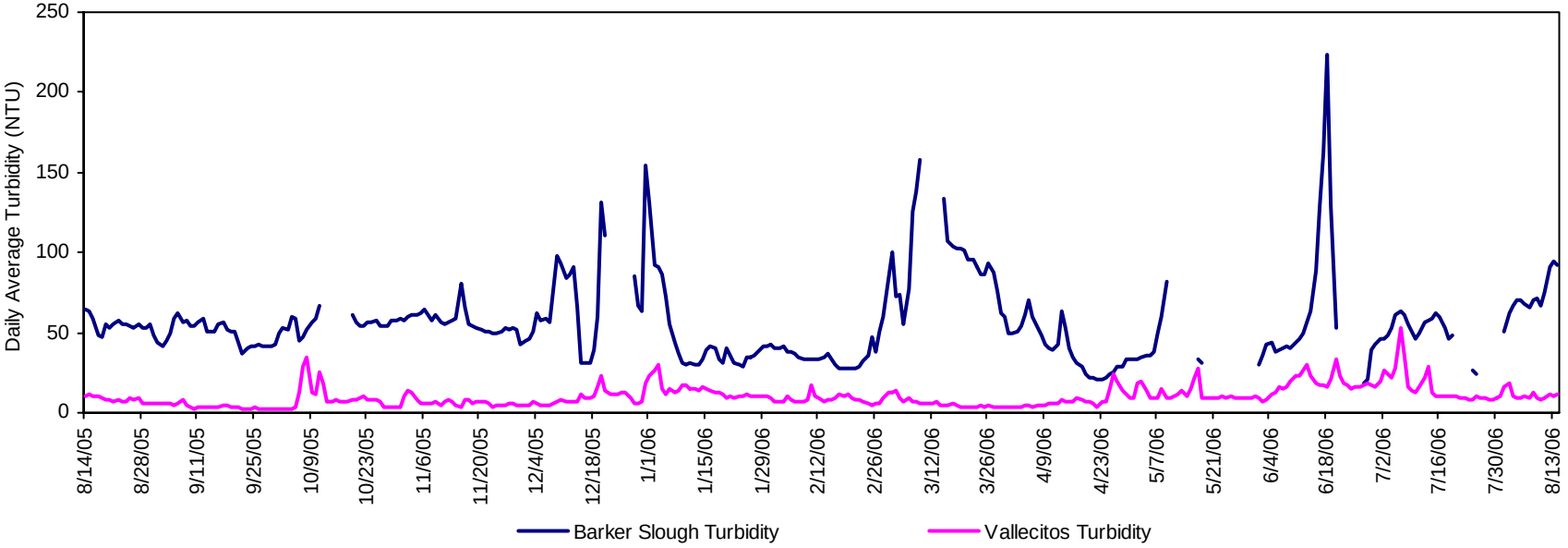
North and South Bay Aqueduct - Calculated Bromide

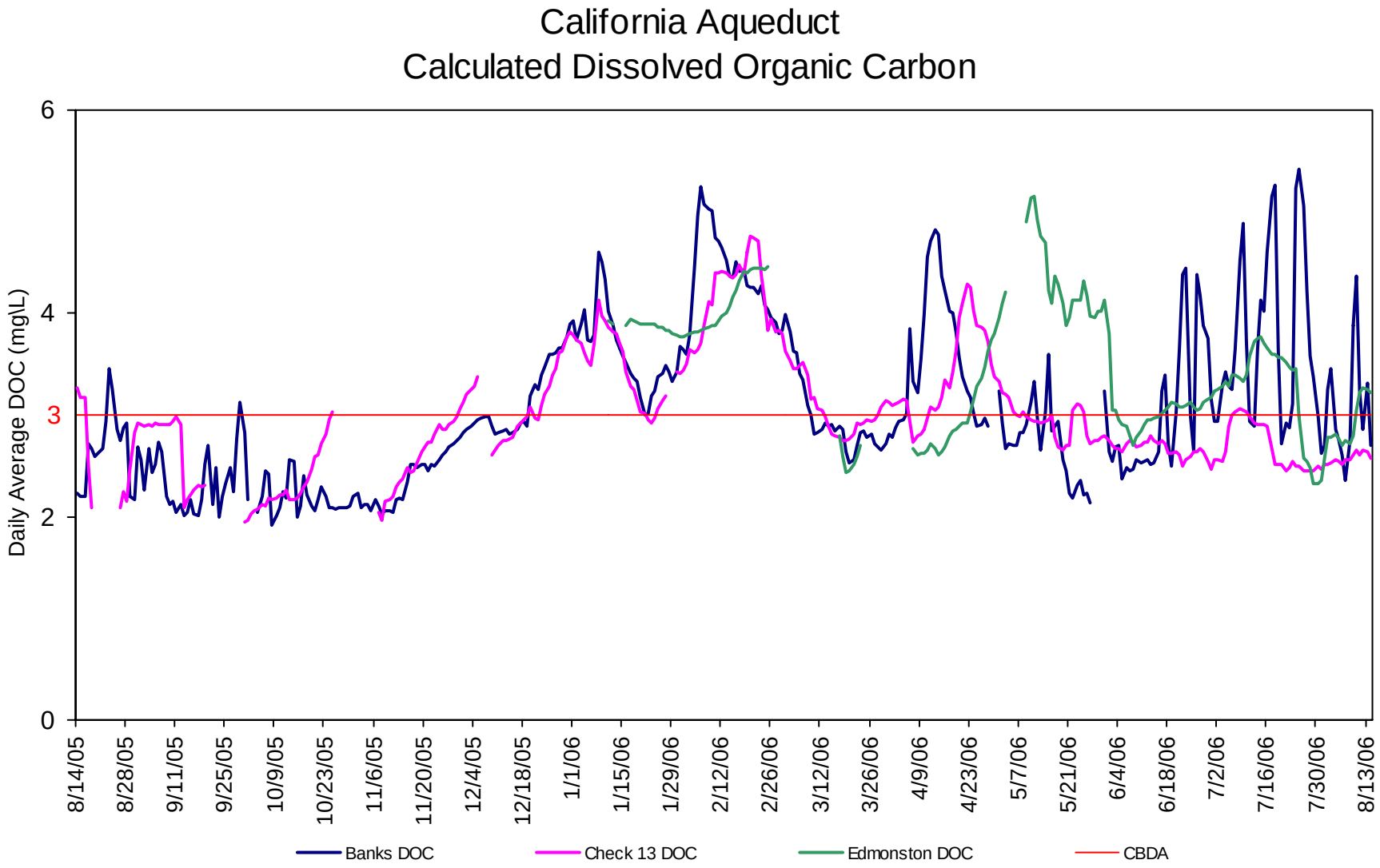


California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity




California Aqueduct
Calculated Dissolved Organic Carbon
Daily Average DOC (mg\L)
6
4
3
2
0
8/14/05
8/28/05
9/11/05
9/25/05
10/9/05
10/23/05
11/6/05
11/20/05
12/4/05
12/18/05
1/1/06
1/15/06
1/29/06
2/12/06
2/26/06
3/12/06
3/26/06
4/9/06
4/23/06
5/7/06
5/21/06
6/4/06
6/18/06
7/2/06
7/16/06
7/30/06
8/13/06
Banks DOC
Check 13 DOC
Edmonston DOC
CBDA